Approved For Release 2000/04/17: CIA-RDP78B04560A005400010006-3

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25X1C

PHOTOGRAPHIC INTERPRETATION REPORT



DECEMBER SUMMARY REPORT

SELECTED TARGETS NORTH VIETNAM AND LAOS

> NPIC/R-17/66 JANUARY 1966

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PREFACE

This report provides a summary of photographic interpretation of selected COMOR targets and other targets in North Vietnam and Laos considered significant by the National Photographic Interpretation Center (NPIC).

Each installation report includes target name, geographic coordinates, WAC number, BE number (as appropriate), and NPIC number followed by the locator line, COMOR target number (as appropriate), and summary description suitable for the most recent mission included.

The date, mission number, photo reference data, and limiting conditions are given for each mission with OB information (as appropriate) listed directly above.

Only AAA defenses considered to be integral components of an installation are reported. They are divided $% \left(1\right) =\left(1\right) \left(1$

into three basic categories: light (ZPU-1, ZPU-2, ZPU-4, 37mm), medium (57mm, 85mm), and heavy (100mm and larger). The term HMGAA (heavy machine gun antiaircraft) indicates a weapon smaller than a ZPU-1. When a category cannot be determined, the site is listed as an AAA site and the number of guns indicated (Ex.: 6-gun AAA site, occupied/unoccupied).

Targets are arranged 1) by country, 2) within the country by subject, 3) within the subject by WAC number, and 4) within the WAC number by geographic coordinates in ascending order.

An appendix explaining column headings, photo reference data, COMOR target numbers, and abbreviations for limiting conditions concludes the report.

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г			1	Target Numbers		
	Target	Coordinates	WAC	BE	NPIC	
25X1A	-LAOS- AIR INSTALLATIONS SAM NEUA AIRFIELD 2 NM EAST OF SAM NEUA. COMOR 3,600 X 100 FT E/W SOD RUNWAY, SERVICEABLE. OB NONE OBSERVED.	2025N 10404E	Ø616	25X1A	136-A	
25X1D	WILL TEADY THIS TALL AT LONG					
25X1A 25X1D 25X1D 25X1D	MILITARY INSTALLATIONS MUONG LUONG NAM THA MILITARY CAMPS TWO MILITARY CAMPS REFERENCED FROM MUONG LUONG NAM THA SUBJECTED TO AIR STRIKE. COMOR CAMP A (IMMEDIATELY SE AT UTM ——————————————————————————————————	2057N 10128E	Ø616		121-A	
	SAM NEUA MILITARY AREAS FIVE MILITARY AREAS REFERENCED FROM SAM NEUA.	2025N 10403E	0616		136-C	

	T	Coordinates	WAC	Target	Numbers
	Target	Coordinates	WAC .	BE	NPIC
25X1D 5X1A	25X1A COMOR AREA A (SOUTH EDGE AT UTM: ARMY BARRACKS SOUTH, BE NO				
	SMALL BARRACKS/SUPPORT AND 1 LARGE ADMINISTRATION BUILDING. IMMEDIATELY WEST A SMALL STORAGE/SUPPORT AREA CONTAINS 2 BARRACKS-TYPE, 1 PROBABLE STORAGE, AND 2 SUPPORT BUILDINGS AND 1 BUILDING UNDER CONSTRUCTION.				
5X1D 25X1A	AREA B (Ø.8 NM ENE AND JUST NW OF SAM NEUA AIRFIELD AT UTM SAMENEUA ARMY SUPPLY DEPOT, BE NO SAMENEUA ARMY BARRACKS-TYPE, 1 ADMINISTRATION, 1 REVETTED STORAGE, AND 4 SUPPORT BUILDINGS. A STRONGPOINT, EAST OF THE DEPOT OVERLOOKING ROUTE 6 AND SAM NEUA AIRFIELD, CONTAINS 5 BUILDINGS ENCLOSED BY TRENCHES WITH				
25X1D	NUMEROUS FIRING BAYS. AREA C (0.2 NM EAST ON NORTH SIDE OF ROUTE 6 AT UTM: 1 LARGE BARRACKS, 1 MESSHALL, AND 3 SUPPORT BUILDINGS. A STRONGPOINT EAST OF THE CAMP				
	CONTAINS 5 BUILDINGS ENCLOSED BY TRENCHES. SEVERAL TRAILS CONNECT STRONGPOINT TO THE CAMP. THE STRONGPOINT IS ALSO CONNECTED TO				
25X1D	ROUTE 6 BY ROAD. AREA D (WESTERN EDGE AT UTM ON BOTH SIDES OF ROAD) 3 T-SHAPED PROBABLE BARRACKS, 1 LARGE U-SHAPED ADMINISTRATION, AND 4 SUPPORT BUILDINGS ON WEST SIDE OF ROAD, AND 4 PROBABLE BARRACKS AND 5 SUPPORT BUILDINGS ON EAST SIDE OF ROAD. BOTH				
5X1D	AREAS PARTIALLY SECURED. AREA E (1.7 NM EAST AT UTM: 3				

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	Target	Coordinates	WAC	Target N	lumbers
				BE	NPIC
25X1D 25X1D 25X1A	HAIPHONG SAM SITE BØ6A-2 10.1 NM NE OF HAIPHONG AT UTM COMOR SITE CONSISTS OF 4 PARTIALLY REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL: GUIDANCE AREA, AND 1 POSSIBLE MISSILE-HOLD	2056N 10650E	Ø616	25X1A	249-B
25X1D	POSITION. OB NONE OBSERVED.			05V4A	,
25X1D	HAIPHONG SAM SITE BØ6-2	2058N 10651E	Ø616	25X1A	240.4
25X1A	11.7 NM NE OF HAIPHONG AT OUTM COMOR COM	5939W - 18931C	2010		249-4
25X1D	The state of the s			25X1A	
25X1A	HAIPHONG SAM SITE B30-2 25X1D 20.3 NM WNW OF HAIPHONG AT UTM COMOR STEEL STEEL STEEL CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA.	2059N 10621E	Ø616		31Ø-F
25X1D	SITE IS OF A STAR CONFIGURATION. OB::NONE OBSERVED.				
25X1D	YEN BAI SAM SITE A31-2 2-2 NM NW OF YEN BAI AT UTM:	2143N 1Ø451E	Ø616	25X1A	147-C
25X1A 25X1D	COMOR STATES SITE APPEARS DETERIORATED AND ABANDONED. OB NONE OBSERVED.				
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	T	Coordinates	WAC	Target N	lumbers
	Target	Coordinates	WAC	BE	NPIC
25X1A	HANDI SAM SITE C28-2 20.5 NM WNW OF HANDI AT UTM COMOR SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, 2 REVETTED	21Ø5N 1Ø529E	Ø616	25X1A	114-J
25X1D	MISSILE-HOLD POSITIONS, AND 1 PROBABLE MISSILE-HOLD POSITION. OB NONE OBSERVED.			25X1A	
25X1D 25X1A	HANDI SAM SITE B3ØA-2 16.5 NM NW OF HANDI AT UTM COMOR SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. OB 6 PROBABLE MISSILES ON LAUNCHERS AND 9 RIECES OF DOSSIBLE CUIDANCE CONTONENT IN	21Ø8N 1Ø535E	Ø616		248-B
25X1D 25X1D 25X1A	PIECES OF POSSIBLE GUIDANCE EQUIPMENT IN CENTRAL GUIDANCE AREA. HANDI SAM SITE C29-2 28 NM WNW OF HANDI AND Ø.8 NM NW OF CAM DAI ARMY BARRACKS AT UTM COMOR SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE	211ØN: 1Ø522E	Ø616	25X1A	2ØØ-B
25X1D 25X1D 25X1A	AREA. OB NONE OBSERVED. HANOI SAM SITE B33-2 11 NM NW OF HANOI AT UTM COMOR SITE CONSISTS OF 3 REVETTED LAUNCH POSITIONS	211ØN 1Ø544E	Ø616	25X1A	411-A

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IN LATE STAGE OF CONSTRUCTION, 1 REVETTED LAUNCH POSITION IN EARLY STAGE OF CONSTRUCTION, GROUND SCARRING INDICATING A POSSIBLE 5TH LAUNCH POSITION, A REVETTED CENTRAL GUIDANCE AREA, AND 2 REVETTED MISSILE—HOLD POSITIONS IN LATE STAGE OF CONSTRUCTION. OB — NONE OBSERVED. HANDI SAM SITE C3ØA—2 29 NM WNW OF HANDI AT UTM COMOR SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 2 PARTIALLY REVETTED MISSILE—HOLD POSITIONS. OB — 3 UNIDENTIFIED OBJECTS IN LAUNCH POSITIONS AND 2 UNIDENTIFIED OBJECTS IN CENTRAL GUIDANCE AREA. 25X1A	Target	Coordinates	WAC	Target N	lumbers
LAUNCH POSITION IN EARLY STAGE OF CONSTRUCTION, GROUND SCARRING INDICATING A POSSIBLE 5TH LAUNCH POSITION, A REVETTED CENTRAL GUIDANCE AREA, AND 2 REVETTED MISSILE—HOLD POSITIONS IN LATE STAGE OF CONSTRUCTION. OB —— NONE OBSERVED. HANDI SAM SITE C3ØA—2 29 NM WNW OF HANDI AT UTM COMOR SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 2 PARTIALLY REVETTED MISSILE—HOLD POSITIONS. OB —— 3 UNIDENTIFIED OBJECTS IN LAUNCH POSITIONS AND 2 UNIDENTIFIED OBJECTS IN CENTRAL GUIDANCE AREA. HANDI SAM SITE C3Ø—2 30 NM WNW OF HANDI AT UTM OF PHU NHIEU BARRACKS AND STORAGE. 25X1A 25X1A 25X1A 25X1A 25X1A			"AC	BE	NPIC
OB 3 UNIDENTIFIED OBJECTS IN LAUNCH POSITIONS AND 2 UNIDENTIFIED OBJECTS IN CENTRAL GUIDANCE AREA. HANOI SAM SITE C30-2 30 NM WNW OF HANOI AT UTM OF PHU NHIEU BARRACKS AND STORAGE. COMOR	LAUNCH POSITION IN EARLY STAGE OF CONSTRUCTION, GROUND SCARRING INDICATING A POSSIBLE 5TH LAUNCH POSITION, A REVETTED CENTRAL GUIDANCE AREA, AND 2 REVETTED MISSILE-HOLD POSITIONS IN LATE STAGE OF CONSTRUCTION. OB NONE OBSERVED. HANOI SAM SITE C3ØA-2 29 NM WNW OF HANOI AT UTM COMOR SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 2	2112N 10521E	Ø616	25X1A	389-A
	PARTIALLY REVETTED MISSILE—HOLD POSITIONS. OB —— 3 UNIDENTIFIED OBJECTS IN LAUNCH POSITIONS AND 2 UNIDENTIFIED OBJECTS IN CENTRAL GUIDANCE AREA. HANOI SAM SITE C3Ø-2 3Ø NM WNW OF HANOI AT UTM OF PHU NHIEU BARRACKS AND STORAGE. COMOR	2113N 1Ø521E	Ø616	25X1A	200-C

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	Target	Coordinates	WAC	Target i	Numbers
			""	BE	NPIC
	SITE CONSISTS OF 5 REVETTED LAUNCH POSITIONS AND A CENTRAL GUIDANCE AREA IN EARLY STAGE OF CONSTRUCTION.				
25X1D	OB NONE OBSERVED.			25 > 1 A	
25X1D	HANOI SAM SITE D31-2 33.5 NM NW OF HANOI AT UTM	2121N 1Ø522E	Ø616	25X1A	378-A
25X1A	COMOR SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A CENTRAL GUIDANCE AREA, AND 3 PARTIALLY REVETTED MISSILE-HOLD POSITIONS. CONFIGURATION IS IRREGULAR.				
25X1D	OB NONE OBSERVED.			25X1A	
25X1D	HANOI SAM SITE CØ2-2 21.9 NM NNE OF HANOI AT UTM	2122N 1Ø558E	Ø616		2Ø4-B
25X1A	COMOR SITE CONSISTS OF 5 REVETTED LAUNCH POSITIONS, GROUND SCARRING FOR POSSIBLE 6TH LAUNCH POSITION, AND A PARTIALLY REVETTED CENTRAL GUIDANCE AREA.				
25X1D	OB NONE OBSERVED.			25X1A	
25X1D	HANOI SAM SITE D318-2 36.6 NM NW OF HANOI AT UTM	2123N 1Ø52ØE	Ø616		378-C
25X1A	COMOR SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 3 REVETTED MISSILE-HOLD POSITIONS.				
25X1D	OB NONE OBSERVED.				

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1	Target	Coordina		WAC	Target N	lumbers
}	i dryet	Coordina	1162	mAC	BE	NPIC
25X1D					25744	
25X1D	HANDI SAM SITE D31A-2	2124N	10517E	Ø616	25X1A	378-B
25X1A	38.7 NM NW OF HANDI AT LUTM.			2010		310 6
25X1D	SITE CONTAINS 5 REVETTED LAUNCH POSITIONS AND AN UNREVETTED CENTRAL GUIDANCE AREA. OB NONE OBSERVED.					
25X1D	HANOI SAM SITE CØ1-2	21 25N	1Ø551E	Ø616	25X1A	414-A
25X1A	24.5 NM NORTH OF HANDI AT UTM	ELESIN	127710	2010		414-A
25X1D	SITE CONSISTS OF 5 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. SITE IS OF A FANCONFIGURATION. OB NONE OBSERVED.					e .
23/10	CO. A PRONE ADDERVED.				25X1A	
25X1D 25X1A	HANOL SAM SITE CØ1A-2 27.9 NM NORTH OF HANOL AT LUTM COMOR SITE CONSISTS OF 3 REVETTED LAUNCH POSITIONS	2129N	10554E	Ø616		415-A
25X1D	AND A REVETTED CENTRAL GUIDANCE AREA. OB NONE OBSERVED.					
25X1D	WATERWAY SAME STATE COOK IN				25X1A	
25X1A	HAIPHONG SAM SITE C32A-2 22.6 NM NW OF HAIPHONG AT SUTM COMOR SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA.	21Ø6N	10622E	Ø616		3Ø2−B
25X1D	OB NONE OBSERVED.					

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	Target	Coordinates	WAC	Target	Numbers
	rurger	Coordinates	WAC	BE	NPIC
25X1A	HAIPHONG SAM SITE C32-2 25X1D 22.4 NM NW OF HAIPHONG AT UTM COMOR SITE CONSISTS OF 5 REVETTED AND 1 UNREVETTED LAUNCH POSITION AND A PARTIALLY REVETTED, PARTIALLY CANVAS-COVERED CENTRAL GUIDANCE AREA.	21Ø6N 1Ø62	3E Ø616	25X1A	3Ø2-A
25X1D	OB 5 LAUNCHERS WITH MISSILES AND 3 VANS IN CENTRAL GUIDANCE AREA.			25X1A	
25X1D 25X1A	HANDI SAM SITE CØ5-2 21.2 NM NE OF HANDI AT UTM COMOR SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. OB.— UNIDENTIFIED OBJECT IN CENTRAL	2117N 1060	5E Ø616	-	2Ø6-F
25X1D 25X1D 25X1A	HANOI SAM SITE CØ4A-2 25.5 NM NE OF HANOI AT UTM COMOR SITE CONSISTS OF 5 REVETTED LAUNCH POSITIONS	2120N 1060	3E Ø616	25X1A	238-1
25X1D 25X1A	HANDI SAM SITE CØ4-2 25X1D 29.5 NM NNE OF HANDI AT UTM COMOR SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA.	2124N 1061	E Ø616	25X1A	211-E
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1		C	WAC	Target N	Umbers
	Target	Coordinates	WAC.	BE	NPIC
25X1D	SITE IS OF A FAN CONFIGURATION. OB NONE OBSERVED.				
	AIR-INSTALLATIONS			25X1A	
25X1A	DIEN BIEN PHU AIRFIELD Ø.5 NM:NORTH OF DIEN BIEN PHU. COMOR DECEMBER APPROXIMATELY 4,000 X 90 FT NNW/SSE ASPHALT	2123N 1030	1E Ø616		105
	AND LATERITE RUNWAY, HEAVILY DAMAGED AND UNSERVICEABLE. RUNWAY INTERDICTED BY APPROXIMATELY 40 CRATERS. FACILITIES ARE 90 PERCENT DESTROYED. REMAINING FACILITIES INCLUDE 1 DAMAGED ADMINISTRATION AND 2 STORAGE BUILDINGS. OB NONE OBSERVED.				
25X1D				25X1A	
25X1A	NGHIA LO AIRFIELD SW EDGE OF NGHIA LO. COMOR 2000 2,000 X 130 FT NNE/SSW GRADED EARTH RUNWAY WITH 4 BOMB CRATERS ON WESTERN END,	2136N 1043	ØE Ø616		133-A
25X1D	PROBABLY SERVICEABLE. OB NONE OBSERVED.			25X1A	
25X1D	PHUC YEN AIRFIELD	2113N 1Ø5	8E Ø61		326-C
25X1A	5.8 NM ESE OF PHUC YEN AT UTM COMOR COMOR STATE OF SELECTION OF SELECT				

25X1C

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SERVICEABLE, WITH 1,280-FT IOVERRUN AT EACH END. FACILITIES INCLUDE PARALLEL TAXIWAY WITH 2 END-CONNECTING AND 3 CROSSOVER LINKS, ALERT RAMPS ALONG EACH OF 2 DUTER CROSSOVER LINKS, TWO 1,600-FT PARKING APRONS (1) AT EACH END OF RUNWAY), GCA FACILITIES, ILS SITES, AND MARKER BEACONS. HOUSING/SUPPORT AREA IMMEDIATELY NORTH OF AIRFIELD CONTAINS APPROXIMATELY 50 BARRACKS, 100 STORAGE/SUPPORT BUILDINGS, A CONTROL TOWER, AND AN DPERATIONS BUILDING. AIRCRAFT REVETMENT AREA AT ESE END OF RUNWAY CONTAINS 8 REVETMENTS AND AREA AT WNW END CONTAINS 8 REVETMENTS. APPROXIMATELY 11,000-FT TAXIWAY LEADS NORTH FROM RUNWAY TO NEW DISPERSAL AREA CONTAINING 27 AIRCRAFT REVETMENTS (3 UNDER CONSTRUCTION). SEVEN ADDITIONAL REVETMENTS (5 UNDER CONSTRUCTION) ARE DISPERSED ALONG THE TAXIWAY. A FIRING-IN BUTT IS NEARING COMPLETION. SECURED POL STORAGE AREA, APPROXIMATELY 5,000 FT INNW OF RUNWAY CENTER, WITH LOOP SERVICE ROAD CONTAINS 6 BURIED POL TANKS. AIRFIELD IS RAIL—SERVED. OB — 5 BEAGLE, 7 FISHBED, 4 CANVAS-COVERED PROBABLE FISHBED, 49 FAGOT/FRESCO, AND 5 POSSIBLE FAGOT/FRESCO. ACTIVITY — 5 PROBABLE TANK TRUCKS, 10 CARGO TRUCKS, AND 10 UNIDENTIFIED PHU THO AIRFIELD 25X1A	NO FOREIGN DISSEM				Target Nu	mbers
END. FACILITIES INCLUDE PARALLEL TAXIWAY WITH 2 END-CONNECTING AND 3 CROSSOVER LINKS, ALERT RAMPS ALONG EACH OF 2 DUTER CROSSOVER LINKS, TWO 1,600-FT PARKING APRONS (1 AT EACH END OF RUNMAY), GCA FACILITIES, ILS SITES, AND MARKER BEACONS. HOUSING/SUPPORT AREA IMMEDIATELY NORTH OF AIRFIELD CONTAINS APPROXIMATELY 50 BARRACKS, 100 STORAGE/SUPPORT BUILDINGS, A CONTROL TOWER, AND AN OPERATIONS BUILDINGS. AIRCRAFT REVETMENT AREA AT ESE END OF RUNWAY CONTAINS 8 REVETMENTS AND AREA AT WHW END CONTAINS 8 REVETMENTS. APPROXIMATELY 11,000-FT TAXIWAY LEADS NORTH FROM RUNWAY TO NEW DISPERSAL AREA CONTAINING 27 AIRCRAFT REVETMENTS (3 UNDER CONSTRUCTION). SEVEN ADDITIONAL REVETMENTS (5 UNDER CONSTRUCTION) ARE DISPERSED ALONG THE TAXIWAY. A FIRING-IN BUTT IS NEARING COMPLETION. SECURED POL STORAGE AREA, APPROXIMATELY 5,000 FT NNW OF RUNWAY CENTER, WITH LOOP SERVICE ROAD CONTAINS 6 BURIED POL TANKS. AIRFIELD IS RAIL-SERVED. OB 5 BEAGLE, 7 FISHBED, 4 CANVAS-COVERED PROBABLE FISHBED, 49 FAGOT/FRESCO, AND 5 POSSIBLE FAGOT/FRESCO. ACTIVITY 5 PROBABLE TANK TRUCKS, 10 CARGO TRUCKS, AND 10 UNIDENTIFIED VEHICLES.	Target	Coordinates		WAC	BE	NPIC
	SERVICEABLE, WITH 1,200-FT OVERRUN AT EACH END. FACILITIES INCLUDE PARALLEL TAXIWAY WITH 2 END-CONNECTING AND 3 CROSSOVER LINKS, ALERT RAMPS ALONG EACH OF 2 OUTER CROSSOVER LINKS, TWO 1,600-FT PARKING APRONS (1 AT EACH END OF RUNWAY), GCA FACILITIES, ILS SITES, AND MARKER BEACONS. HOUSING/SUPPORT AREA IMMEDIATELY NORTH OF AIRFIELD CONTAINS APPROXIMATELY 50 BARRACKS, 100 STORAGE/SUPPORT BUILDINGS, A CONTROL TOWER, AND AN OPERATIONS BUILDING. AIRCRAFT REVETMENT AREA AT ESE END OF RUNWAY CONTAINS 8 REVETMENTS AND AREA AT WNW END CONTAINS 6 REVETMENTS. APPROXIMATELY 11,000-FT TAXIWAY LEADS NORTH FROM RUNWAY TO NEW DISPERSAL AREA CONTAINING 27 AIRCRAFT REVETMENTS (3 UNDER CONSTRUCTION). SEVEN ADDITIONAL REVETMENTS (5 UNDER CONSTRUCTION) ARE DISPERSED ALONG THE TAXIWAY. A FIRING-IN BUTT IS NEARING COMPLETION. SECURED POL STORAGE AREA, APPROXIMATELY 5,000 FT NNW OF RUNWAY CENTER, WITH LOOP SERVICE ROAD: CONTAINS 6 BURIED POL TANKS. AIRFIELD IS RAIL-SERVED. OB 5 BEAGLE, 7 FISHBED, 4 CANVAS-COVERED PROBABLE FISHBED, 49 FAGOT/FRESCO, AND 5 POSSIBLE FAGOT/FRESCO. ACTIVITY 5 PROBABLE TANK TRUCKS, 10 CARGO TRUCKS, AND 10 UNIDENTIFIED		10512E	Ø616	25X1A	135-C

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	Target	Coordinates	WAC	Target N	lumbers	
	i digal	Coordinates	WAC	BE	NPIC]
25X1D	25X1A COMOR 4,600 X 170 FT E/W GRADED EARTH RUNWAY SUBJECTED TO AIRSTRIKE, UNSERVICEABLE. APPROXIMATELY 25 BOMB CRATERS IN RUNWAY SURFACE. RESURFACING OF RUNWAY CONTINUES. TWO AIRCRAFT REVETMENTS ARE TO THE SOUTH OF RUNWAY. NUMEROUS BUILDINGS ON BOTH SIDES OF RUNWAY HAVE BEEN DAMAGED/DESTROYED. OB — NONE OBSERVED. ACTIVITY — 5 PIECES OF CONSTRUCTION EQUIPMENT IN REVETMENT SOUTH OF RUNWAY.			25X1A		
25X1A	KEP HA AIRFIELD 3 NM EAST OF KEP HA. COMOR 2,550 X 140 FT NE/SW PACKED EARTH RUNWAY, SERVICEABLE. FACILITIES INCLUDE A PARALLEL TAXIWAY, A NEWLY CONSTRUCTED TAXIWAY SSE OF RUNWAY, AND A SUPPORT AREA IMMEDIATELY WEST OF THE RUNWAY CONTAINING 4 BUILDINGS AND A WEATHER STATION. AN ADDITIONAL SUPPORT AREA APPROXIMATELY 2,000 FT WEST OF THE RUNWAY CONSISTS OF 7 SUPPORT BUILDINGS ALONG 2 LOOP ROADS. FIFTEEN AIRCRAFT REVETMENTS OBSERVED.	2123N 10640E	Ø616		397 ;	
25X1D	OB NONE OBSERVED.	•		25X1A		
25X1D	KEP AIRFIELD	21261 19636	a	23/1/	22.	
25X1A	1 NM SW OF KEP AT UTM COMOR	2124N / 1Ø616E	Ø616		211	

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ſ			WAC	Target N	umbers
	Target	Coordinates	WAC	BE	NPIC
25X1D	5,975 X 155 FT NE/SW CONCRETE RUNWAY, SERVICEABLE, WITH GRADED EARTH OVERRUNS AT EACH END. FACILITIES INCLUDE 2 PARKING APRON AT NE END OF RUNWAY, A CONTROL TOWER/OPERATIONS BUILDING, 5 BARRACKS/STORAGE BUILDINGS, 9 SMALLER ASSOCIATED BUILDINGS, A WEATHER STATION, AND 16 AIRCRAFT REVETMENTS. AIRFIELD IS SERVED BY A RAIL SPUR FROM THE HANDI/LANG SON LINE TO THE NE END OF GRADED EARTH OVERRUN. OB 5 FAGOT/FRESCO AND 1 UNIDENTIFIED AIRCRAFT.			25X1A	
25X1A 25X1D	LAISCHAUSAIRFIELD IMMEDIATELY SE OF LAISCHAUS COMOR	2203N 10309E	Ø616	20/11/1	118-A
25X1D 25X1A 25X1D	MILITARY FINSTALLATIONS BAN XOM LOM BARRACKS & HQ 335TH INF BRIGADE SIX AREAS REFERENCED FROM BAN XOM LOM. COMOR AREA A (Ø.5 NM SW AT UTM 16 BARRACKS-TYPE, 22 ADMINISTRATION, 2 STORAGE,	2050N 10440E	Ø616	25X1A	145
25X1D	1 MESSHALL, AND APPROXIMATELY 20 MISCELLANEOUS BUILDINGS. AREA B (AT BAN XOM LOM AT UTM) 88 BARRACKS-TYPE, 6 ADMINISTRATION,		•		

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Target Numbers

1	Target	Coordinates	WAC	BE	NPIC
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ì	•		ŀ		
			ļ		
	3 STORAGE, 10 SECURED PROBABLE AMMUNITION]	
Į.	STORAGE, 4 MESSHALL, AND NUMEROUS			}	
05)/45	ASSOCIATED BUILDINGS.				
25X1D	AREA C (0.5 NM SE AT UTM	5			ì
1	5 BARRACKS-TYPE, 1 ADMINISTRATION,				
	1 MESSHALL, AND 20 MISCELLANEOUS BUILDINGS.				
25X1D	I MESSMALL, AND ZW MISCELEAREDOS BOTEDINOS				
ŀ	AREA D (1 NM EAST AT UTM				
	22 BARRACKS-TYPE, 2 ADMINISTRATION,				
	2 STORAGE, 1 MESSHALL, AND APPROXIMATELY		Ì		
25X1D	10 MISCELLANEOUS BUILDINGS.				
23/10	AREA E (1.8 NM NW AT UTM				
25X1D	9 STORAGE AND 3 MISCELLANEOUS BUILDINGS.				l l
23/10	AREA E LOUGH OF MICH A AT VIII				
	A VALLEY RUNNING SE) NEW DISPERSAL AREA			İ	
	CONSISTS OF NUMEROUS VEHICLE TRACKS LEADING				i
25X1D	INTO DENSELY WOODED AREA.		·		
			\		
		2050N 10437E	Ø616		122
	MOC CHAU MILITARY INSTALLATIONS	SMORN INTOIL	8010		***
25X1A	THREE MILITARY AREAS REFERENCED FROM		İ		
23/1/	INTERSECTION OF ROUTES 68 AND 6.				
	COMOR				
25X1D	AREA A (Ø.3 NM NW AT UTM		l	ļ	
20,(12	7 BARRACKS. 3 ADMINISTRATION, 8 STORAGE,		ļ		i
	4 PARTIALLY DESTROYED, AND 16 MISCELLANEOUS		i	1	
25X1D	BUILDINGS.		1		
	AREA R (0.1 NM SOUTH AT UTM)		ļ	Ì	
	7 BARRACKS, 4 ADMINISTRATION, 6 STORAGE, AND	Ì	1		
25X1D	8 MISCELLANEOUS BUILDINGS.	1	i		
	AREA C (0.4 NM EAST AT UTM		1		
	1 PARTIALLY DISMANTLED VEHICLE SHED,				
	3 STORAGE/MAINTENANCE, AND 4			l	
25 / 45	The same of the sa				
25X1	11200253112500				
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	Target	Coordinates	WAC	Target	Numbers
	rurger	Coordingres	WAC	BE	NPIC
25X1D 25X1A	BAN XOM LOM ARMY BARRACKS WEST 2 NM WNW OF BAN XOM LOM AT UTM: COMOR DISPERSED AREA CONTAINS APPROXIMATELY 75	2050N 10441E	Ø616	25X1A	145-A
25X1D	BARRACKS/STORAGE, 2 ADMINISTRATION, AND NUMEROUS SMALE SUPPORT BUILDINGS.			25X1A	
25X1D	HON GAY NAVAL BASE & SHIP RPR YARD BAI CHAY IMMEDIATELY:NORTH OF BAI CHAY AND 1 NM NW . OF HON GAY AT UTM	2058N 10704E	Ø615		109-B
25X1A 25X1D	COMOR FACILITIES INCLUDE 2 MULTISTORY BARRACKS, 1 T-SHAPED ADMINISTRATION, 4 PROBABLE STORAGE, AND 14 PROBABLE MAINTENANCE/REPAIR BUILDINGS, A SMALL MARINE RAILWAY, AND A SMALL T-HEAD PIER. OB 1 PROBABLE S.O. 1-CLASS SC (IN DRYDOCK) AND 1 SWATOW-CLASS PGM.				
	DIEN BIEN PHU HQ 316 INFANTRY BRIGADE	2119N 10301E	Ø616	25X1A	1Ø5-A
25X1A	TEN SMALL MILITARY AREAS REFERENCED FROM CENTER OF DIEN BIEN PHU AIRFIELD.				
25X1D	AREA A (1.2 NM NNW AT UTM () AREA				
25X1D	RAZED. AREA B (1.2 NM NW AT UTM MARKET) 6				
25 <u>X</u> 1D	BARRACKS, 1 ADMINISTRATION, 2 STORAGE (1 WITH MONITOR ROOF), AND 4 MISCELLANEOUS BUILDINGS. AREA C (0.7 NM NE AT UTM (2007) AREA				
25X1D	RAZED. ONE BUILDING REMAINS INTACT, 8 ARE DAMAGED, AND 16 ARE DISMANTLED. AREA D (1.1 NM ENE AT UTM				

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	Target	Coordinates	WAC	Target Numbers		
	ruiyoi	Coordinates	WAC	BE	NPIC	
		1				
				ļ		

	SUBJECTED TO AIR STRIKE. ONE PROBABLE					
	ADMINISTRATION PARTIALLY DAMAGED,			i		
	3 SUPPORT DESTROYED, 4 STORAGE/			Į.		
	SUPPORT DESTROYED, AND 3 PROBABLE				}	
25X1D				ì		
	AREA E (0.3 NM SOUTH AT UTM				ļ	
	COMPLETELY DESTROYED. FOURTEEN DESTROYED, 1					
25X1D	DAMAGED, AND 1 DISMANTLED BUILDING.					
	AREA F (0.5 NM EAST AT UTM 2		[İ	
	LARGE AND 3 SMALL ADMINISTRATION, 3 MESSHALL					
	(2 DISMANTLED), 1 LARGE STORAGE,				1	
25X1D	AND NUMEROUS DISMANTLED/DESTROYED SUPPORT					
23/10	BUILDINGS.	1				
	AREA G (1 NM ESE AT UTM					
25X1D	AREA COMPLETELY DISMANTLED/DESTROYED.				-	
	AREA H (0.8 NM SSE AT UTM AREA					
	SUBJECTED TO AIR STRIKE. TEN DAMAGED	:		•		
05V4D	BUILDINGS REMAIN.					
25X1D	AREA I (1.6 NM SSE AT UTM					
	BARRACKS, 5 SUPPORT BUILDINGS, AND					
25X1D	NUMEROUS SMALL SHACKS REMAIN.					
	AREA J (AT DIEN BIEN PHU AT UTM					
25740	AREA HAS BEEN BOMBED. ONLY 10 SCATTERED					
25X1D	PARTIALLY DAMAGED BUILDINGS REMAIN.					
25X1D						
				25X1A		
	VEN SON AMMINITION DEDGT 25X1D			23X IA		
	YEN SON AMMUNITION DEPOT	2135N 10459E	Ø616		464	
25X1A	3.2 NM EAST OF YEN SON AT UTM			:		
20/(1/(
j	SECURED EXPLOSIVES STORAGE AREA PREVIOUSLY					
1	CONTAINING 24 PARTIALLY REVETTED DISPERSED					
l	BUILDINGS SUBJECTED TO AIR STRIKE. POST					
ļ	STRIKE PHOTOGRAPHY REVEALS 10					
l	BUILDINGS DESTROYED AND 14 DAMAGED			İ		
L						

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	Target Target	Coordinates	WAC	l arget Numbers		
				BE	NPIC	
25X1D	(5 SEVERELY, 7 MODERATELY, 2 SLIGHTLY). AN ADJACENT SUPPORT AREA CONTAINS 8 DESTROYED ADMINISTRATION/SUPPORT BUILDINGS.					
25X1A	NGHIA LO ARMY BARRACKS FOUR ASSOCIATED BARRACKS AREAS REFERENCED	2136N 1Ø	43ØE Ø616	25X1A	133-B	
25X1D	FROM NGHIA LO. COMOR ASSOCIATED BARRACKS AREAS REFERENCED FROM NGHIA LO. COMOR ASSOCIATED BARRACKS AREAS REFERENCED AREA A: (IMMEDIATELY SW.AT.UTM: AREA SW.AT.UTM: AREA S					
25X1D	APPROXIMATELY 40 BARRACKS AND 5 ADMINISTRATION-TYPE BUILDINGS. AREA B (0.5 NM SE AT UTM: 100 DEC.) APPROXIMATELY 40 BARRACKS, 1 U-SHAPED					
25X1D	DISMANTLED ADMINISTRATION, AND APPROXIMATELY 45 STORAGE/SUPPORT BUILDINGS. AREA C (1 NM SSW AT UTM:	io G		7		
25X1D	7 BARRACKS AND 4 SUPPORT BUILDINGS. AREA D (4.5 NM SE AT UTM ——————————————————————————————————					
25X1D	ACTIVITY ONE 4-GUN MEDIUM AAA SITE, OCCUPIED, IN AREA B.					
	BASIC SERVICES			05)/44		
25X1A 25X1D	VINH RAILROAD CLASSIFICATION YARD NW 1.2 NM:NNW OF VINH. COMOR	1841N 1Ø9	9617	25X1A	128-F	
L						

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	Target	Coordinates	WAC	BE	NPIC
25X1D 25X1D 25X1D	BUILDING IS UNDER CONSTRUCTION AT UTM AT TERMINUS OF A NEW RAIL SPUR. AREA B (UTM) 2 LARGE INTACT STORAGE, 2 DESTROYED/DISMANTLED, AND APPROXIMATELY 3 MISCELLANEOUS SMALL BUILDINGS. AREA C (UTM) TRANSSHIPMENT AREA CONNECTED TO ROUTE 1 BY PRIMARY ROAD HAS BEEN SEVERELY DAMAGED WITH 1 LARGE BUILDING PROBABLY DAMAGED. ADJACENT SUPPORT AREA CONTAINS 11 BUILDINGS (2 MULTIWINGED). RAILS THROUGHOUT YARD HAVE BEEN INTERDICTED BY NUMEROUS BOMB CRATERS.				
	STORAGE VINH PETROLEUM PRODUCTS STORAGE 3 NM EAST OF VINH AT UTM	184ØN 1Ø543E	Ø617 ·	25X1A	128-E
25X1A 25X1D	COMOR WALLED AREA CONTAINS 1 HEAVILY DAMAGED LARGE TANK, 1 PROBABLY DAMAGED MEDIUM TANK, 6 HEAVILY DAMAGED SMALL TANKS, 2 MEDIUM UNDERGROUND TANKS, 5 HORIZONTAL TANKS, AND APPROXIMATELY 10 SUPPORT BUILDINGS.				
25X1A	URBAN COMPLEXES AI CHAU COMPLEX ON ROUTE 41. COMOR PRIMARILY RESIDENTIAL COMPLEX, LESS THAN 2 SQ MI IN AREA, WITH 2 SMALL MILITARY CAMPS,	22Ø3N 1Ø3Ø9E	Ø616	25X1A	118-В

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	Target	Coordinates	WAC	Target Number		
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G	CNE + www.					
25X1D 25X1D 25X1D	ONE 1 NM SOUTH AND ONE 0.5 NM NE. SEVERAL DEFENSE POSITIONS OBSERVED.					
25X1D						
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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

<u>Coordinates</u>--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

 $\underline{\text{WAC--}}$ This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0468-15-A and an NPIC target number 0467-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

COMOR target numbers, when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear), SC (scattered cloud cover), H (haze), CS (cloud shadow), HC (heavy cloud cover), SD (semidarkness), S (snow), O (obliquity), GC (ground cover), CF (camouflage), and GR (ground resolution).

Interpretability of the photography is categorized as G (good), F (fair), or P (poor).

Target coverage is denoted by the symbols \boldsymbol{T} (total) or PT (partial).

The mode of coverage is indicated by ${\rm ST}$ (stereo), NS (nonstereo), or PS (partial stereo).

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